

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **08-134511**
(43)Date of publication of application : **28.05.1996**

(51)Int.Cl. **B22F 9/04**
B22F 1/00
B22F 3/10
C22C 5/04

(21)Application number : **06-303050** (71)Applicant : **TANAKA KIKINZOKU KOGYO KK**
(22)Date of filing : **11.11.1994** (72)Inventor : **YAMAZAKI HARUKI**
HAMADA TOKIO
IKEMATSU RYOJI

(54) PRODUCTION OF STRENGTHENED PLATINUM MATERIAL**(57)Abstract:**

PURPOSE: To produce a strengthened platinum material having stable creep strength in a shortened production time without causing swelling.

CONSTITUTION: An alloy obtd. by adding 0.05-1% at least one kind of element selected from among group IVa elements and lanthanoids to platinum is melted and solidified with a flame gun or an arc spray gun or by laser beam machining or wire explosion to form atomized powder. This atomized powder is subjected to oxidation treatment and wet-pulverized using an org. solvent by means of a pulverizer in an inert gaseous atmosphere. The resultant fine powder is dried, compacted, heat-treated, hot-forged, annealed and cold-rolled to produce the objective strengthened platinum material of the required shape.

LEGAL STATUS

[Date of request for examination]	29.05.1998
[Date of sending the examiner's decision of rejection]	30.03.2001
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]	withdrawal
[Date of final disposal for application]	12.06.2001
[Patent number]	
[Date of registration]	
[Number of appeal against examiner's decision of rejection]	
[Date of requesting appeal against examiner's decision of rejection]	
[Date of extinction of right]	